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United States Department of Agriculture

SERVICE AND REGULATORY ANNOUNCEMENTS BUREAU OF ANIMAL INDUSTRY

DECEMBER, 1930

[This publication is issued monthly for the dissemination of information, instructions, rulings, etc. concerning the work of the Bureau of Animal Industry. Free distribution is limited to persons in the service of the bureau, establishments at which the Federal meat inspection is conducted, public officers whose duties make it desirable for them to have such information, and journals especially concerned. Others desiring copies may obtain them from the Superintendent of Documents, Government Printing: Office, Washington, D. C., at 5 cents each, or 25 cents a year. A supply will be sent to each official in charge of a station or branch of the bureau service, who should promptly distribute copies to members of his force. A file should be kept at each station for reference.]

CONTENTS Page 105 Animal casings of foreign origin M. I. form 112-E revised. Animals slaughtered under Federal meat inspection, November, 1930. Animals slaughtered under Federal meat inspection, November, 1930... Extent of tuberculosis in animals slaughtered at three important markets, November, 1930... Causes of condemnations of carcasses, October, 1930... Imports of food animals and of meats and meat food products, November, 1930... Summary of tuberculosis-eradication work in cooperation with States, November, 1930... Summary of hog-cholera-control work, November, 1930... Anti-hog-cholera serum and hog-cholera virus produced under licenses, November, 1930... Licenses issued for biological products, November, 1930... Licenses terminated, November, 1930... Permits issued for biological products, November, 1930... Proceedings under the packers and stockyards act, December, 1930... Results of prosecutions for violations of laws... 107 108 108 109 110 110 Results of prosecutions for violations of laws..... New publications of the bureau Organization of the Bureau of Animal Industry

CHANGES IN DIRECTORY

Meat Inspection Granted

‡*994. Johnson Meat Products Co. (Inc.), Pocomoke City, Md. 102. Bilt-More Packing Co. (Inc.), 467 Stephens Street SW., Atlanta, Ga.

Horse-Meat Inspection Granted

*E-74. Continental Packing Co., Berryessa Road near King Road, mail P. O. box 334, San Jose, Calif.

*E-76. Ranger Packing Co. (Inc.), mail P. O. box 264, Albia, Iowa.

Meat Inspection Withdrawn

333. International Provision Co., Brooklyn, N. Y.

Change in Name of Official Establishment

*328. Gobel-Loffler (Inc.), Benning, D. C., and Keane-Loffler (Inc.): Adolf Gobel (Inc.); George Kern (Inc.); B. Meier & Son; Merkel Bros. (Inc.); A. Loffler Provision Co. (Inc.); T. T. Keane Co. (Inc.); Washington Abattoir Co. (Inc.); Jacob E. Decker & Son, instead of previous name.

Change in Address of Official Establishment

3-I. Swift & Co., 811-819 Girard Avenue, Philadelphia, Pa., instead of 906 Noble Street.

Change in Official in Charge

W. L. Hayward succeeds Dr. M. T. Perry (transferred) as inspector in charge at Worcester, Mass.

Change in Addresses of Officials in Charge

Dr. M. Brodner, 219 Federal Building, Honolulu, Hawaii, instead of 218½ Federal Building.
Dr. E. T. Marsh, care Globe Laboratories, P. O. box 4143, Stock Yards Station, Fort Worth, Tex., instead of P. O. box 37.

New Stations

Albia, Iowa, horse-meat inspection, Dr. Joseph Hannon, care Ranger Packing Co., in charge.
Pocomoke City, Md., meat inspection, Dr. G. C. Pieper, care Johnson Meat Products Co. (Inc.), in charge.

New Substation

San Jose, Calif., meat inspection, substation of San Francisco, Calif.

NOTICES REGARDING MEAT INSPECTION

ANIMAL CASINGS OF FOREIGN ORIGIN

Certificates required by B. A. I. Order 305 and instructions issued thereunder. which bear the official title of the foreign country as specified below, will be acceptable with animal casings offered for importation into the United States.

The certificates must also bear the signature of the high official of the national government having jurisdiction over the health of animals in the foreign country in which the casings originated, but owing to the fact that the high officials are changed from time to time it is impracticable to publish their names.

Official title Foreign country Minister of Agriculture -- Northern Ireland

FOREIGN MEAT-INSPECTION OFFICIAL

Name and specimen signature of a foreign official who has been authorized by his national government to sign and issue foreign meat-inspection certificates for meat and meat food products exported to the United States:

Country and name	Signature
ENGLAND	00
Dr. G. Clark Trotter	J. Olars Srother

CERTIFICATION OF MEATS AND CASINGS FOR POLAND

In accordance with the requirements of the Polish Government, inspectors will issue M. I. Form 167 in duplicate for each consignment of meat or meat food products destined to Poland, in addition to the regular white meat-inspection

certificate which must be furnished in harmony with the regulations.

Inspectors will also issue M. I. Form 167 in duplicate for each consignment of animal casings destined to Poland after satisfying themselves that the casings are derived only from animals which have been United States inspected and passed. The duplicate copies of M. I. Form 167 should be forwarded to the Washington

office.

M. I. FORM 112-E REVISED

The M. I. Form 112-E revised has again been changed and hereafter requisitions for this form will be filled with the latest revision. It will be noted that the form has been enlarged and a separate section has been provided for cattle reacting to the tuberculin test. Attention is directed to footnote C, which should also apply to parts passed for cooking.

ANIMALS SLAUGHTERED UNDER FEDERAL MEAT INSPECTION, NOVEMBER, 1930

Station	Cattle	Calves	Sheep and lambs	Goats	Swine
Baltimore Buffalo Chicago Cincinnati Cleveland Denver Detroit Fort Worth Indianapolis Kansas City Milwaukee National Stock Yards New York Omaha Philadelphia St. Louis Sioux City South St. Joseph	11, 767 25, 567 20, 862	813 1, 439 30, 203 5, 193 3, 628 1, 289 5, 529 22, 501 2, 478 39, 224 6, 857 44, 839 4, 197 5, 187 4, 842 2, 174 5, 106	1, 978 8, 020 226, 063 10, 870 13, 760 13, 878 19, 051 12, 412 4, 945 7, 873 27, 447 261, 391 103, 926 17, 072 6, 263 76, 333 68, 799	259 13 1 133 5 23 723 1 1	65, 212 86, 810 681, 096 80, 105 57, 689 19, 275 65, 835 17, 075 128, 413 173, 353 135, 837 90, 065 68, 760 130, 600 71, 506 136, 188 81, 363 95, 094
South St. Paul Wichita All other stations	39, 679 6, 041 120, 530	50, 232 2, 115 69, 807	112, 855 5, 781 221, 520	1 8 175	263, 164 36, 437 1, 539, 841
Total: November, 1930 November, 1929 11 months ended November, 1930 11 months ended November, 1929	605, 048 731, 407 7, 478, 817 7, 666, 001	323, 702 358, 438 4, 197, 421 4, 142, 725	1, 305, 482 1, 159, 150 15, 270, 154 12, 932, 373	1,343 3,869 9,916 25,772	4, 023, 718 4, 498, 554 39, 619, 092 43, 361, 669
New York, Brooklyn, Jersey City, and Newark 1	36, 415	50, 284	310, 971	3	204, 168

¹ The slaughter figures in this group of cities are included in the figures above for "New York" and "All other stations" and are combined here to show total in the Greater New York district.

Inspections of lard at all establishments, 131,118,056 inspection pounds; compound and other substitutes, 38,981,353 inspection pounds; sausage, 54,763,436 inspection pounds; oleomargarine, 11,811,266 inspection pounds. Corresponding inspections for November, 1929: Lard, 154,221,426 inspection pounds; compound and other substitutes, 35,020,810 inspection pounds; sausage, 64,718,056 inspection pounds; oleomargarine, 15,067,430 inspection pounds.

(These totals of inspection pounds do not represent actual production, as the same product may have been inspected and recorded more than once in the process of manufacture.)

EXTENT OF TUBERCULOSIS IN ANIMALS SLAUGHTERED AT THREE IMPORTANT MARKETS, NOVEMBER, 1930

	Total	Retained for tuberculosis							
Station	slaughter	Total	Passed for cooking	Con- demned					
Cattle excluding calves: Chicago Kansas City Omaha Swine: Chicago Kansas City Omaha	110, 416 64, 632 49, 954 681, 096 173, 353 130, 600	3, 385 172 585 67, 114 8, 046 9, 026	94 3 24 929 66 103	430 28 54 661 50 84					

CAUSES OF CONDEMNATION OF CARCASSES, OCTOBER, 1930

Cause	Cattle	Calves	Sheep and lambs	Swine
Emaciation	947	123	714	55 2, 276
Inflammatory diseasesImmaturity	1, 249	161 277	895	2, 090
TuberculosisOther causes	2,069 1,781	42 175	764	2, 378 2, 973
Total	6,046	778	2, 373	9, 772

IMPORTS OF FOOD ANIMALS AND OF MEATS AND MEAT FOOD PRODUCTS, NOVEMBER, 1930

The statements following show the imports of food animals and of meats and meat food products inspected by the Bureau of Animal Industry during November, 1930, with figures for other periods for comparison.

Imports of food animals

Country of export	Cattle	Swine	Sheep	Goats
Mexico Canada. Virgin Islands (to Porto Rico)	3, 351 1, 101 198	27 1	521	26 2
Total: November, 1930 November, 1929 11 months ended— November, 1930 November, 1929	4, 650 42, 001 211, 593 487, 843	28 124 374 2, 420	521 1, 425 8, 502 26, 905	28 4 103 221

Imported meats and meat food products

	Fresh and	refrigerated	Cured and	Other meat	Total weight	
Country of export	Beef	Other	canned	products		
Argentina	Pounds	Pounds	Pounds 602, 702	Pounds 103, 345	Pounds 706, 047	
Australia Canada New Zealand Uruguay-	32, 331 126, 438	21, 352 30, 275	194, 941 472, 933	3, 909 61, 361 12, 923 39, 760	3, 909 309, 988 169, 636 512, 693	
Other countries	158, 769 1, 291, 373	51, 627 136, 009	73, 867 1, 344, 443 8, 408, 607	392, 146 1, 344, 219	1,946,985 11,180,208	
11 months ended— November, 1930 November, 1929	5, 567, 815 35, 856, 660	2, 882, 853 11, 961, 848	51, 409, 615 98, 489, 300	4, 814, 965 9, 993, 469	64, 675, 248 156, 301, 277	

Condemned in November, 1930: Beef, 164 pounds; veal, 1,012 pounds; pork, 18 pounds; total, 1,194 pounds. Refused entry: Beef, 75,721 pounds; pork, 4,630 pounds; total, 80,351 pounds.

SUMMARY OF TUBERCULOSIS-ERADICATION WORK IN COOPERATION WITH STATES, NOVEMBER, 1930

	i			T			1	T
		culin test ing mont		Г	Total to date			
State	Herd or lots	Cattle tested	Cat- tle re- acted		Ac- cred- ited herds	Herds under super- vision	Inspector in charge	State official
Ala Ariz Ark Calif Colo Conn	1, 036 214 20	1, 912 5, 346 18, 023 828	19 7 67 67	8, 754 15, 711 8, 187 1, 882	193	8,856 15,733 8,630 2,086	F. L. Schneider W. A. McDonald. W. E. Howe R. Snyder	C. G. Lamb, Denver.
Del	. 277	3, 249	77	4, 784	1, 483	6,873	E. B. Simonds	O. A. Newton, Bridge- ville.
D. O Fla Ga Idaho Ill.	2, 115 417	2, 221 6, 067 8, 840 98, 800	5	62,000 39,373	99 30 62	62, 030 42, 654	J. G. Fish A. L. Hirleman W. A. Sullivan	J. V. Knapp, Tallahassea
Ind	2, 913	22, 605	15	174, 743	3,728	180, 397	J. E. Gibson	Frank H. Brown, Indi-
Iowa		117, 304		100,000	2, 571	200,000		anapolis. M. G. Thornburg, Des Moines.
Kans	1,074 1,023	15, 502 7, 857	57 5	103, 402 83, 378		104, 252 83, 881	N. L. Townsend W. F. Biles	J. H. Mercer, Topeka. D. E. Westmorland.
La	53	1, 244	0	3, 414	13	32, 510	G. T. Cole	Frankfort. E. P. Flower, Baton Rouge.
Me Md	773 1, 873	8, 669 20, 541	15 376	42, 775 17, 660	944 10, 069	43, 755 35, 602		James B. George, Balti-
Mass	1, 100	11, 297	1, 276	4, 421	2, 302	7,773	E. A. Crossman	E. F. Richardson, Bos-
Mich Minn Miss	2, 553 6, 786 9	26, 406 141, 825 632	131 1, 132 1	184, 336 114, 315 12, 848	7, 120 26	185, 070 122, 981 12, 881	T. S. Rich W. J. Fretz H. Robbins	ton. C. H. Clark, Lansing. C. E. Cotton, St. Paul. G. B. Bradshaw, Jack-
Mo	1,693	18, 469	53	88, 034	240	91, 929	Ralph Graham	son. H. A. Wilson, Jefferson
Mont Nebr Nev N. H N. J N. Mex.	2, 118 70 931 356 47	6, 486 39, 140 3, 047 14, 038 4, 394 764	29 315 3 548 200 4	34, 227 81, 756 2, 821 3, 334 4, 950 3, 422	72 114 9 4, 553 4, 104 24	37,842 82,191 3,130 8,166 13,344 3,534	J. W. Murdoch A. H. Francis L. C. Butterfield. E. A. Crossman Ellis E. McCoy F. L. Schueider	City. W. J. Butler, Helena. C. H. Hays, Lincoln. Edward Records, Reno. A. L. Felker, Concord. J. H. McNeil, Trenton. Mat Keenan, Albuquer-
N. Y N. C N. Dak. Ohio	8,615 101 2,116 8,818	122, 035 1, 729 42, 730 67, 497	5, 010 3 226 618	25, 664 256, 563 59, 187 249, 463	87, 078 361 5, 378 762	121, 571 256, 924 71, 106 253, 457	H. B. Leonard W. C. Dendinger. H. H. Cohenour. A. J. De Fosset	que. E. T. Faulder, Albany. William Moore, Raleigh. W. F. Crewe, Bismarck. C. McCandless, Colum-
Okla	543	4, 677	14	6, 756	246	7,014	L. J. Allen	bus. C. C. Hisel, Oklahoma City.
Oreg Pa	1, 034 4, 163	9, 333 38, 322	29 1, 785	35, 372 122, 022	582 6, 199	35, 971 140, 834	S. B. Foster J. B. Reidy	W. H. Lytle, Salem.
R. I	47	1,092	80	249	134	713	E. A. Crossman	burg. T. E. Robinson, Provi-
S. C S. Dak Tenn Tex	888 2,009 1,393 206	2, 918 41, 570 7, 277 8, 915	5 497 5 17	75, 896 8, 767 80, 900 9, 783	119 1, 297 125 449	76, 074 10, 634 81, 143 10, 522	W. K. Lewis J. O. Wilson H. L. Fry H. L. Darby	dence. W. K. Lewis, Columbia. T. H. Ruth, Pierre. J. M. Jones, Nashville, N. F. Williams, Fort
Utah	1, 099	6, 623	53	11, 988	103	12, 531	F. E. Murray	Worth. W. H. Hendricks, Salt
Vt	1, 219	27, 570	454	2, 476	8, 524	12, 878	L. H. Adams	Lake City. Edward H. Jones, Montpelier.
Va	2, 403	14, 208	60	70, 196	995	71, 366	R. E. Brookbank.	H. C. Givens, Rich-
Wash W. Va	1, 594 1, 594	20, 855 7, 725	262 17	47, 517 69, 886	91 640	59, 409 71, 690	J. C. Exline H. M. Newton	Robert Prior, Olympia. John W. Smith, Charleston.
Wis	9, 249	162, 606	851	175, 488	11, 927	188, 282	J. S. Healy	Walter Wisnicky, Madi- son.
Wyo	21	539	0	11,817	4	13, 206	John T. Dallas	H. D. Port, Cheyenne.
Total.	94, 795 1	, 223, 169	18, 127	2, 612, 116	173, 189	3, 112, 539		

SUMMARY OF HOG-CHOLERA-CONTROL WORK, NOVEMBER, 1930

	Bureau veteri- Meet-		Meet- Premises		Demonstrations		Farms	Farms	Out- breaks	
State	narians engaged in work ¹	ings ad- dressed	investi- gated	Number	Hogs treated	Autop- sies per- formed	quaran- tined or carded	cleaned and dis- infected	reported to bu- reau vet erinar- ians	
Alabama	1		109	3	134	2				
Colorado	1	4	17 53	24	270	12 5			5 6	
Georgia Idaho	1 . 33		20 75	1 1	8 174	1 6	4		7	
Illinois	3		141	1	30	76	1	28	49	
Indiana	2 2 2	1	52 50			13	2		4 23	
Kentucky		î	116	1	38	12			3	
Kansas Louisiana	1		54 67	. 6	250 116	2 2			43 14	
Maryland	2	1	191	1	2	21	12	1	38	
Michigan Mississippi	2 1, 03	2	112 66	5 24	240 153	23 4			17	
Missouri Nebraska	. 33	1	79 22			2			6	
North Carolina	1.16		64	1	172	8 7			4 3 35	
Ohio Oklahoma	2 2	3	131 84	1	19	6	5		35 6	
South Carolina	1	0	35	24	585	4	0		2	
South Dakota Tennessee	1 . 5	2	39	1 3	66 17	5 3	1		7	
Texas	1	Z	58	1	100	4	2		15	
Virginia Washington)	1		98	1	19	3			1	
Oregon }	1	1	40			6			6	
Wisconsin	1		99	27	207	11	9		9	
Total	32, 35	16	1,876	130	2,600	248	36	30	318	

¹ Fractions denote men devoting part time to the work.

ANTI-HOG-CHOLERA SERUM AND HOG-CHOLERA VIRUS PRODUCED UNDER LICENSES, NOVEMBER, 1930

	Total serum	Clear serum completed	Hyperim- mune blood cleared	Simultaneous virus	Hyperim- munizing virus
November, 1930 November, 1929. 11 months ended November, 1930. 11 months ended November, 1929.	C. c. 45, 240, 637 66, 949, 088 760, 597, 005 947, 976, 525	C. c. 37, 432, 038 54, 736, 435 616, 743, 741 680, 217, 371	C. c. 46, 561, 180 45, 940, 598 753, 290, 613 784, 709, 718	C. c. 3, 514, 853 2, 415, 225 58, 463, 018 56, 963, 754	C. c. 9, 801, 428 7, 397, 942 157, 662, 387 191, 526, 238

LICENSES ISSUED FOR BIOLOGICAL PRODUCTS, NOVEMBER, 1930

License No. 163-A was issued November 19, 1930, to the Fidelity Laboratories (Inc.), Thirteenth Street and Bellevue Boulevard, South Omaha, Nebr. (mailing address 820 Exchange Avenue, Chicago, Ill.), for avian mixed bacterin and pullorin.

License No. 191 was issued November 19, 1930, to Ashe Lockhart (Inc.), 800-804 Woodswether Road, Kansas City, Mo., for antianthrax serum.

License No. 197 was issued November 3, 1930, to the Patterson-Harwood Laboratories, Fairmont Addition, Manhattan, Kans., for anti-hog-cholera serum and hog-cholera virus.

LICENSES TERMINATED, NOVEMBER, 1930

License No. 144, issued June 25, 1923, to Terrell's Laboratories, 308-324 Texas National Bank Building, Fort Worth, Tex., was terminated November 17, 1930, because of the discontinuance of production.

PERMITS ISSUED FOR BIOLOGICAL PRODUCTS, NOVEMBER, 1930

Permit No. 9 was issued November 28, 1930, to Burroughs Wellcome & Co. (U. S. A.) (Inc.), 9 and 11 East Forty-first Street, New York City, N. Y., for the importation during 1931 of antileptospira serum (canine), canine-distemper tissue

NOTE .- No work reported from California, Montana, Utah, and West Virginia.

vaccine, lamb-dysentery antitoxin, lamb-dysentery bacterin, leptospira bacterin (canine), manufactured by the Wellcome Physiological Research Laboratories, Langley Court, Beckenham, Kent, England.

PROCEEDINGS UNDER THE PACKERS AND STOCKYARDS ACT, DECEMBER, 1930

Docket No. 294.—In re Leo Schloss (Inc.), packer, Newark, N. J. On August 12, 1929, the Acting Secretary of Agriculture issued a complaint, alleging that respondent had violated the act by engaging in a certain unfair, unjustly discriminatory, and deceptive practice. On September 17, 1929, the Acting Secretary of Agriculture issued an order directing that the cause be continued until further It now appears to the Secretary of Agriculture that the complaint order therein. should be dismissed without prejudice. Accordingly, on December 15, 1930, the complaint was dismissed without prejudicing the right of the complainant to institute any further proceedings that he sees fit.

Docket No. 316.—In re Meridian Union Stock Yards, market agency, Merid-

ian, Miss. On July 9, 1930, the Acting Secretary of Agriculture issued an inquiry and notice, alleging violations of the act by failure of respondent to execute and and notice, alleging violations of the act by failure of respondent to execute and maintain a reasonable bond to secure the performance of its obligations incurred as a market agency. Under date of July 25, 1930, the respondent acknowledged the service of the order of inquiry, admitted the truth of the matters and things therein alleged, and waived a hearing thereon. On September 15, 1930, the Meridian Union Stock Yards was suspended from registration as a market agency for six months, with leave during said period to apply for revocation of this suspension upon a satisfactory showing that it has filed a reasonable bond to suitable trustees to secure the performance of its obligations incurred as a market agency and has on file with the Bureau of Animal Industry a fully executed duplicate of said bond. It was also ordered that the Meridian Union Stock Yards cease and desist from doing business as a market agency without maintaining a reasonable desist from doing business as a market agency without maintaining a reasonable bond to suitable trustees to secure the performance of its obligations incurred as such market agency. On October 7, 1930, the respondent entered into a reasonable bond to suitable trustees to secure the performance of its obligations incurred as a market agency and on October 24, 1930, a fully executed duplicate of said bond was filed with the Bureau of Animal Industry. Accordingly, on December 6, 1930, the suspension of the Meridian Union Stock Yards from registration as a

market agency for six months was revoked and terminated.

Docket No. 324.—In re Harry S. Lambert, dealer, Union Stock Yards, Baltimore, Md. On August 13, 1930, the Acting Secretary of Agriculture issued an inquiry and notice, alleging violations of the act by failure of respondent to execute and maintain a reasonable bond to secure the performance of his obligations incurred as a dealer. On September 22, 1930, a hearing was held in this case. On November 20, 1930, the respondent entered into a reasonable bond to suitable trustees to secure the performance of his obligations incurred as such dealer and a fully executed duplicate of the same was filed on November 26, 1930, with the Bureau of Animal Industry at Washington, D. C. On December 23, 1930, the respondent was ordered to cease and desist from doing business as a dealer without maintaining a reasonable bond to suitable trustees to secure the performance of his obligations incurred as a dealer and without having on file with the Bureau of Animal Industry a fully executed duplicate of such bond or of some other satis-

factory plan of guaranty.

RESULTS OF PROSECUTIONS FOR VIOLATIONS OF LAWS

Penalties and fines have been imposed in prosecutions for violations of regulatory laws, as reported to the bureau, as follows:

Twenty-eight-Hour Law

New York Central Railroad Co., \$100 penalty.

Livestock Quarantine Law

Minneapolis, St. Paul & Sault Ste. Marie Railway Co., \$100 fine for failure to mark waybill "tuberculous cattle."

Northern Pacific Railway Co. (two cases), \$200 fine for failure to mark way-

bill "tuberculous cattle."

J. H. Sistrunk, Lumberton, Miss., \$10 fine for interstate transportation of one bull from Mississippi to Louisiana without inspection, dipping, or certification.

NEW PUBLICATIONS OF THE BUREAU

[The bureau keeps no mailing list for sending publications to individual employees but sends copies to officers in charge of stations and offices. These publications should be regarded as notification copies. So far as possible additional copies will be furnished on request.]

Technical Bulletin No. 219. Mountain-Laurel (Kalmia latifolia) and Sheep Laurel (Kalmia angustifolia) as Stock-Poisoning Plants. By C. Dwight Marsh and A. B. Clawson, Pathological Division. Pp. 23, figs. 6.

Department Bulletin No. 662 (revised). Vesicular Stomatitis of Horses and

Department Bulletin No. 662 (revised). Vesicular Stomatitis of Horses and Cattle. By John R. Mohler, Chief of the Bureau of Animal Industry. Pp. 10. Circular No. 148. Parasites and Parasitic Diseases of Horses. By Benjamin Schwartz, Marion Imes, and Willard H. Wright, Zoological Division. Pp. 54, figs. 36.

Farmers' Bulletin No. 1069 (revised). Tuberculosis in Livestock, Detection, Control, and Eradication. By John A. Kiernan (deceased) and A. E. Wight, Tuberculosis Eradication Division. Pp. 21, figs. 12.

Studies of Vaccination during Calfhood to Prevent Bovine Infectious Abortion.

Studies of Vaccination during Calfhood to Prevent Bovine Infectious Abortion. By J. M. Buck, Experiment Station, Bethesda, Md. In Journal of Agricultural Research, vol. 41, No. 9, November 1, 1930. Key No. A-142.

Germicidal Efficiency of Soaps and of Mixtures of Soaps with Sodium Hydroxide or with Phenols. By J. M. Schaffer and F. W. Tilley, Biochemic Division. In Journal of Agricultural Research, vol. 41, No. 10, November 15, 1930. Key No. A-142.

Amendment 7 to B. A. I. Order No. 324, declaring names of counties placed in modified accredited area for tuberculosis. Effective December 1, 1930. P. 1 (mimeographed).

Statistical tables and maps showing progress in eradicating tuberculosis from livestock in the United States. Pp. 21, figs. 2. (mimeographed).

ORGANIZATION OF THE BUREAU OF ANIMAL INDUSTRY

Chief: John R. Mohler.

Associate Chief: U. G. Houck.

Assistant Chief: A. W. Miller.

Administrative Assistant: Charles C. Carroll.

Chief Clerk: J. R. Cohran.

Assistant to Chief: D. S. Burch.

Animal Husbandry Division: E. W. Sheets, chief.

Biochemic Division: M. Dorset, chief.

Division of Hog-Cholera Control: U. G. Houck, chief.

Division of Virus-Serum Control: D. I. Skidmore, chief.

Field Inspection Division: G. W. Pope, chief.

Meat Inspection Division: R. P. Steddom, chief.

Packers and Stockyards Division: A. W. Miller, chief.

Pathological Division: John S. Buckley, chief.

Tick Eradication Division: R. A. Ramsay, chief.

Tuberculosis Eradication Division: A. E. Wight, chief.

Zoological Division: Maurice C. Hall, chief.

Experimental Station: W. E. Cotton, superintendent.

Office of Accounts: George F. Tucker, in charge.

U. S. GOVERNMENT PRINTING OFFICE: 1931







